

9/03

Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2089/102 (MCA-517)	SERIAL NO. 10/1635,736 <u>Continuation of 10/275,910-</u>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Willem Kools	
(use several sheets if necessary) (PTO-1449 )		FILING DATE <u>Herewith</u> 8/6/03	GROUP ART UNIT <u>To Be Assigned</u> 1723

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AF	1	4,203,848	05/20/1980	Grandine			
	2	4,261,834	04/14/1981	deWinter			
	3	4,340,479	07/20/1982	Pall			
	4	4,629,563	12/16/1986	Wrasidlo			
	5	4,770,777	09/13/1988	Steadly et al.			
	6	5,228,994	07/20/1993	Tkacik et al.			
	7	5,444,097	08/22/1995	Tkacik			
	8	5,500,167	03/19/1996	Degen			
	9	5,550,167	08/27/1996	DesMarais			
	10	5,620,790	04/15/1997	Holzki et al.			
AF	11	6,056,529	05/02/2000	Meyering et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION IF APPROPRIATE
AF	12	EP 0764461	08/28/2002	Europe			
AF	13	0 578 210 A2	01/12/1994	Europe			
AF	14	0 572 329	05/17/1993	Europe			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

AF		15	U.S. Patent Application Publication No. US 2002/0113006 A1 to Sale et al.				
AF		16	U.S. Patent Application Publication No. US 2003/0035943 A1 to Jones et al.				
AF		17	U.S. Patent Application Publication No. US 2002/0127387 A1 to Sale et al.				
EXAMINER				DATE CONSIDERED	1/24/05		

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Use of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(use as many sheets as necessary)

Sheet

1

of

1

**Complete if Known**

Application Number	10/635,736
Filing Date	August 6, 2003
First Named Inventor	Willem Kools
Art Unit	1723
Examiner Name	To Be Assigned <i>Anna Fortuna</i>

Attorney Docket Number

2089/102 (MCA-517)

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY		
<i>AK</i>	1	US-5,962,075	10/02/1999	Sartor et al.	
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
<i>AK</i>	2	JP 09024260		Hirotomo		

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>

Examiner Signature

*Anna Fortuna*

Date Considered

1/24/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for GPO 1494A  
U.S. GOVERNMENT PRINTING OFFICE: 2004 500-100-027

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
*(use as many sheets as necessary)*

Sheet

1

of

1

**Complete if Known**

Application Number	10/635,736
Filing Date	August 6, 2003
First Named Inventor	Willem Kools
Art Unit	1723
Examiner Name	To Be Assigned
Attorney Docket Number	2089/102 (MCA-517)

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY		
AK	1	US-4,203,847	05/20/1980	Grandine, 2nd	
	2	US-5,444,097	08/22/1995	Tkacik	
	3	US-6,706,184	03/16/2004	Sale et al.	
	4	US-6,736,971	05/18/2004	Sale et al.	
AK	5	US-2004/0124135 A1	07/01/2004	Sale et al.	
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AK	6	Brock, "Membrane Filtration: A User's Guide and Reference Manual," Chapter 3, pp. 29-35 (1983)	
AK	7	Kools, "Membrane Formation by Phase Inversion in Multicomponent Polymer Systems, Mechanisms and Morphologies," Thesis, pp. 1-191, February 27, 1998	

Examiner Signature	<i>[Signature]</i>	Date Considered	11/27/05
--------------------	--------------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.